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In The Claims:

Amend Claim 1 as follows:

--1 Amended: A method of extracting lipid associated sialoprotein from the following body fluids [such as] cerebrospinal fluid, urine, saliva and sputum and determining the amount of lipid associated sialoprotein in a sample of such fluid which comprises the following steps:

a) adding to the sample a mixture of a chlorinated lower alkyl hydrocarbon and a lower alkyl alcohol;

b) mixing the resulting admixture for a suitable period of time to dissolve lipid-bound sialic acid in the sample in the chlorinated hydrocarbon/alcohol mixture;

c) centrifuging the mixture at high speed to form a substantially clear upper phase;

d) separately recovering from the clear upper phase so formed a predetermined volume of the upper phase;

e) adding to the predetermined volume of the upper phase an amount of a mixture of an aqueous protein-precipitating agent without any adsorbing material, the amount of mixture being effective to cause precipitation of the lipid associated sialoprotein;

f) vortexing the resulting admixture;

g) centrifuging and recovering the resulting precipitate;
h) washing the precipitate in a saline solution;
i) centrifuging the resulting mixture;
j) dissolving the precipitate in water;
k) adding to the solution a hydrolysis agent;
l) heating the resulting admixture;
m) determining the amount of lipid associated sialoprotein present in the solution and thereby the amount present in the fluid sample.

Amend Claim 6 as follows:

--6. Amended: A method according to claim 1, wherein in step [(b)] (c) the mixture is centrifuged at about 6000 rpm for at least 5 minutes.

Amend Claim 17 as follows:

-- 17. (Amended): A method of diagnosing cancer in a human subject which comprises determining the amount of lipid associated sialoprotein in a sample of the subject's cerebrospinal fluid, [peritoneal fluid, pleural fluid, bronchial washings], saliva or sputum [sample] according to the method of claim 1 and comparing the amount [of] so determined with [values] amounts previously

obtained for subjects known to have cancer by use of the method of claim 1.

Amend Claim 18 as follows:

-- 18. (Amended): A method of diagnosing cancer in a human subject which comprises determining at regular time intervals the amount of lipid associated sialoprotein in a sample of the subject's cerebrospinal fluid, [peritoneal fluid, pleural fluid, bronchial washings] saliva or sputum sample according to the method of claim 1 and comparing the amounts so determined with amounts previously obtained for the subject by use of the method of claim 1.

Add Claim 19 as follows:

-- 19. New: A method of diagnosing cancer in a human subject by applying the method of claim 17 to a sample of the subject's peritoneal fluid, pleural fluid or bronchial washings.

Add Claim 20 as follows:

-- 20. New: A method of diagnosing cancer in a human subject by applying the method of claim 18 to a sample of the subject's peritoneal fluid, pleural fluid or bronchial washings.